line 14 until page 9 line 15. It is respectfully asserted that no new matter is presented by this amendment.

In the Claims:

Kindly substitute the following for pending claim 1:

1. (Amended) A method for aligning a cloverleaf micro-gyroscope having a resonator in a resonator plane, at least four electrodes in an electrode plane adjacent said resonator plane, and closed loop control of drive and output axes, said method comprising the steps of:

detecting misalignment of an axis of natural vibration of said resonator relative to said drive axis; and

correcting misalignment to zero by an electrostatic bias adjustment applied to an electrode to produce a force perpendicular to the electrode plane.

Kindly substitute the following for pending claim 2:

2. (Amended) The method as claimed in claim 1 wherein said step of detecting misalignment further comprises detecting misalignment by way of quadrature signal amplitude obtained by demodulation of a signal of said output axis using a signal in quadrature to a drive axis rate signal.

Kindly substitute the following for pending claim 5:

5. (Amended) A method for tuning a cloverleaf micro-gyroscope having a resonator in a resonator plane, at least four electrodes in an electrode plane adjacent said resonator plane, and closed loop control of drive and output axes, said method comprising the steps of:

detecting residual mistuning by way of a signal; and

Sub B2 A2 End correcting said residual mistuning to zero by way of electrostatic bias adjustment applied to an electrode to produce a force perpendicular to the electrode plane.

Kindly substitute the following for pending claim 8:

Sub B3 A3 8. (Amended) A method for independently aligning and tuning a cloverleaf micro-gyroscope having a resonator in a resonator plane, at least four electrodes in an electrode plane adjacent said resonator plane, and closed loop control of drive and output axes, said method comprising the steps of:

detecting misalignment of an axis of natural vibration of said resonator relative to said drive axis; and

correcting misalignment to zero by an electrostatic bias adjustment applied to an electrode to produce a force perpendicular to said electrode plane;

detecting a residual mistuning by way of a signal; and

correcting said residual mistuning by way of an electrostatic bias adjustment applied to an electrode to produce a force perpendicular to said electrode plane.